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Incoming
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TASK 3584

June 14, 2010 – Addition to Appendix IV

Dragon Mine - Juab County, Utah

VEGETATION SURVEY INFORMATION

The vegetation survey was conducted in April, 2007 by Mr. Paul Ames. The information included in this Appendix IV is:

1. A map showing the four (4) survey plot transects.
2. A key to plant name abbreviations.
3. A description of each plot is included with a table that summarizes the plant cover as a total and by plant species.

Most of the area within the Dragon Mine NOI has been disturbed by mining and mining related activities which include extensive waste dumps. The waste dumps consist of clay and the vegetation is very sparse. The vegetation survey considered only areas that were undisturbed. Summaries of vegetation cover for the plots are as follows:

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Total Vegetation Cover - All Sample Tracts Combined		
COMMON NAME	ABBREVIATION	PERCENTAGE OF COVER
Elymus Spicatum - Blue Bunch Grass	Elsp	6.63%
Poa Secunda	Pose	2.41%
Stypa Hymenoides - Indian Rice Grass	Sthy	1.81%
Aristida Purpurea - Purple Three-awn	Arpu	1.20%
Chrysothamnus Naseosus - Rubber Rabbitbrush	Chna	12.05%
Artemesia Tridentata - Sagebrush	Artr	22.29%
Purshia Tridentata - Bitterbrush	Putr	12.05%
Chrysothamnus Viscidiflorus - Green Rabbitbrush	Chvi	3.61%
Symphoricarpos Occidentalis - Western Snowberry	Syoc	1.81%
Amelanchier Alnifolia - Serviceberry	Amal	1.20%
Cryptantha Humilis - Dwarf Cryptanth	Crhu	0.60%
Astragalus Eurekaensis - Eureka Milkvetch	Aseu	0.60%
Phlox Hoodii - Hood's Phlox	Phho	0.60%

Total Coverage

66.87%

Location #14 - "North Slope"
Sample Interval - 50'

Point #	Vegetation	Point #	Vegetation
1	0	17	Els
2	0	18	Ch
3	Ar	19	0
4	Put	20	Ch
5	Ch	21	Ch
6	0	22	Po
7	Ar	23	Ch
8	Put	24	0
9	0	25	Ch
10	Ch	26	St
11	Els	27	Ch
12	0	28	0
13	Els	29	0
14	Po	30	Put
15	Els	31	0
16	Els	32	0

Vegetation Cover 65.63%

Ar	6.25%
Put	9.38%
Ch	18.75%
Els	15.63%
Po	6.25%
Ch	6.25%
St	3.13%

Location "Area West of Main Office - East on Disturbed Slopes"
Sample Interval - 50'

Point #	Vegetation		Point #	Vegetation		Point #	Vegetation
1	0		26	Putr		51	Elspl
2	Putr		27	0		52	0
3	Chna		28	Putr		53	Phho
4	Chvi		29	0		54	Putr
5	Sthy		30	Artr		55	Amal
6	0		31	Arpu		56	0
7	Chvi		32	0		57	Pose
8	Artr		33	Amal		58	Elspl
9	Chvi		34	Chna		59	Chna
10	0		35	Putr		60	0
11	Artr		36	0		61	Syoc
12	Artr		37	Artr		62	0
13	Chvi		38	0		63	Elspl
14	Chna		39	Chna		64	0
15	Artr		40	Arpu		65	Elspl
16	Putr		41	Artr		66	0
17	0		42	Chna		67	Artr
18	Putr		43	Chna		68	Elspl
19	Artr		44	Artr		69	0
20	0		45	Putr		70	Putr
21	0		46	0		71	0
22	Artr		47	Artr		72	Aseu
23	Artr		48	Syoc		73	Artr
24	Sthy		49	Artr		74	Crhu
25	Artr		50	Syoc			

Vegetation Cover 72.97%

Artr	21.62%
Putr	12.16%
Chna	9.46%
Elspl	6.76%
Pose	1.35%
Chvi	5.41%
Sthy	2.70%
Aseu	1.35%
Crhu	1.35%
Arpu	2.70%
Syoc	4.05%
Amal	2.70%
Phho	1.35%

Location "Top Tailings Area"			
Sample Interval - 75'			
Point #	Vegetation		Point #
1	0		21
2	Chna		22
3	0		23
4	0		24
5	0		25
6	0		26
7	Artr		27
8	0		28
9	0		29
10	Artr		30
11	0		31
12	Pose		32
13	0		33
14	0		34
15	0		35
16	Artr		36
17	Chna		37
18	Artr		38
19	Chna		39
20	Artr		40
Vegetation Cover		62.50%	
Artr		35.00%	
Putr		10.00%	
Chna		12.50%	
ElsP		2.50%	
Pose		2.50%	